

CLAIMS**What is claimed is:**

1. A corner bracket for use in combination with an insulating foam form for concrete and cement wall construction, said corner bracket comprising:
 - a first generally horizontal assembly member including a generally intermediate section having first and second wing extensions projecting laterally from each side of the intermediate section, said wing extensions forming an included angle;
 - said assembly member including a bracing element for maintaining the first and second wing extensions substantially at the included angle; and
 - at least one separate, generally vertical, plate member attached or attachable to at least one wing extension of the assembly member and extending substantially vertically with respect to the assembly member to comprise a reinforcing and attachment element upon at least partial encapsulation in a foam material.
2. The bracket of claim 1 wherein the assembly member comprises first and second wing extensions substantially at 90° to each other.
3. The bracket of claim 1 further including a vertical plate member attachable to each wing extension.
4. The bracket of claim 1 wherein the vertical plate member is slidably attached to the wing extension.
5. The bracket of claim 1 wherein the vertical plate member includes a detent and stop mechanism for retaining the vertical plate member attached to the wing extension.
6. The bracket of claim 1 further including at least one generally horizontal bracket extension within the included angle defined by the first and second wing extensions.
7. The bracket of claim 1 further including at least one bracket extension within the included angle defined by the first and second wing extensions and generally bisecting the angle.
8. The bracket of claim 1 further including at least one bracket extension within the included angle defined by the first and second wing extensions and generally extending from an intersection of the first and second wing extensions and a distance sufficient to enable encapsulation of the wing extensions and a distal end of the bracket extension in separate foam panels.
9. The bracket of claim 1 wherein the included angle is less than 90°.
10. The bracket of claim 1 wherein the included angle is greater than 90°.

11. The bracket of claim 1 wherein the bracket is comprised of a molded plastic material.

12. The bracket of claim 1 in combination with at least one foam panel encapsulating at least in part the wing extensions and at least one said vertical plate member.

13. The bracket of claim 1 comprising a horizontal assembly member with substantially mirror image first and second wing extensions connected together at a seam defining an apex of an included angle, each wing extension including a first plate member affixed to the first wing extension and a second plate member affixed to the second wing extension.

14. The bracket of claim 13 wherein the plate members are separate elements affixable to the said wing extensions.

15. The bracket of claim 13 wherein the plate members are substantially of equal size.

16. The bracket of claim 13 wherein the plate members are substantially equally spaced from the seam.

17. The bracket of claim 13 further including a bracket element extending from the seam and generally bisecting the included angle between the first and second wing extensions.

18. The bracket of claim 13 wherein the first and second wing extensions define a substantially 90° included angle.

19. The bracket of claim 13 wherein at least one of the first and second wing extensions include a generally vertical track for cooperation with a plate member.

20. The bracket of claim 13 wherein the included angle is less than about 90°.

21. The bracket of claim 13 including a bracket element extending from the seam for a distance capable of at least partial encapsulation in a first foam panel spaced from a second foam panel at least partially encapsulating at least one wing extension.

22. The bracket of claim 1 further including a first foam panel at least partially encapsulating at least one wing extension and said plate member.

23. The bracket of claim 1 further including a first foam panel at least partially encapsulating at least one wing extension and a said plate member and a second foam panel at least partially encapsulating the horizontal assembly member, said first and second foam panels being separated from each other to define at least part of a mold cavity.

24. The bracket of claim 13 further including a first foam panel at least partially encapsulating at least one wing extension and said plate member.

25. The bracket of claim 13 further including a first foam panel at least partially encapsulating at least one wing extension and a said plate member and a second foam panel at least partially encapsulating the horizontal assembly member, said first and second foam panels being separated from each other to define at least part of a mold cavity.